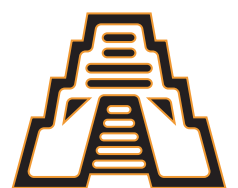


UR-8VB

Manual Viscosity Bath



Ur SYSTEM
Part Of Smart Lab Co.

UR-8VB Manual Viscosity Bath

Precision Bath for Kinematic Viscosity Measurement

Overview

The UR-8VB Manual Viscosity Bath is a precision-engineered instrument for accurate determination of kinematic viscosity in accordance with ASTM D445, D446, D2170, D2171, and EN 12595 standards. Designed for reliability, visibility, and durability, the bath features a transparent glass chamber with a protective front window, allowing clear observation and safe operation. Capable of accommodating up to 8 viscometers simultaneously, the UR-8VB provides consistent and precise temperature control for light and heavy fuels, lubricating oils, and asphalts.



Applications:

Ideal for kinematic viscosity testing of:

- Light and heavy fuels
- Lubricating and base oils
- Bitumen and asphalts
- Petrochemical and industrial samples
- Perfect for research laboratories, quality control, and standard-compliant testing environments.

Compliance:

Conforms to: ASTM D445 / D446 / D2170 / D2171 | EN 12595

Key Features

- Temperature Range: Ambient +5 °C to 140 °C.
- High-precision PID controller with 0.01 °C resolution.
- Optimized circulation system for excellent temperature uniformity.
- Simultaneous testing of up to 8 viscometers.
- Digital timer for precise and repeatable test cycles.
- Internal air pump provides adjustable vacuum or air pressure for cleaning, drying viscometer tubes, and sample suction.
- Compatible with all viscometer types: Cannon-Fenske, Ubbelohde, Reverse Flow, Suspended Level, and more.
- Optional chiller connection for sub-ambient operation.



Design & Convenience:

- 18 L transparent glass bath with protective front safety window.
- Compact benchtop design: 503 × 341.5 × 490 mm (W × D × H).
- Top plate with 8 openings (Ø 51 mm) for viscometers.
- User-friendly digital interface for temperature and time control.
- Drain valve for easy bath fluid replacement.
- Clear internal lighting for enhanced visibility.

Technical Specifications

| Parameter | Specification |
|-----------------------|--|
| Bath Type | Transparent glass bath with protective front window |
| Bath Capacity | 18 L |
| Temperature Range | Ambient +5 °C to 140 °C |
| Temperature Stability | ± 0.05 °C |
| Dimensions (W×D×H) | 503 × 341.5 × 490 mm |
| Sample Capacity | Up to 8 viscometers |
| Bath Openings | Ø 51 mm × 8 |
| Cooling | External chiller connection |
| Circulation | Internal stirrer for uniform temperature |
| Air System | Built-in air pump for vacuum/air-pressure cleaning, drying, and sample suction |
| Power Supply | 220 V AC 50/60 Hz |
| Weight | Approx. 22 kg |

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